THE 1915 JUNE PROVO RIVER.

By Table III (Wentz Report 1914) the mean June Provo River is 1,112 second feet;the mean maximum rive is 1555 second feet and occurs on the 7th day of the month; the mean minimum river is 762 second feet and o occurs on the 30th day of the month.

The 1915 June River mean is 526 second feet,or 586 second feet less than the Mean River; the Maximum is 784 second feet occuring on the 2nd and 12th of the month and is 771 second feet less than the mean maximum; the minimum is 313 second feet occuring on the 26th day of the month and is 449 second feet less than the mean minimum river.

And by Table I Wentz Report 1914, and useing the whole period 1889 to 1915,the average Mean June river is 1135 second feet,the average maximum river is 1839 second feet,the average minimum river is 624 second feet, the maximum is 3660 second feet occuring in in 1909,and the minimu river is 185 second feet occuring in 1900.

And comparing the 1915 June river with the River for the period from 1889 to 1915 we have:- The 1915 June river mean is 526 second feet or 609 second feet less than the mean river;the maximun is 784 second feet occuring on the 2nd and 12th day of the month and is 2876 second feet less than the maximum,and is 1055 second feet less than the average max- imum;the minimum is 313 second feet occuring on the 26th day of the month and is 128 second feet greater than the minimum,and is 111 sec- ond feet less than the average minimum.

And by Table II Wentz Report 1914,the maximum number of days the river is 100- 200 second feet is 00-the 1915 river is 00; the Maximum number of days the river is 200- 300 second feet is 7,the 1915 river is 00; the maximum number the river is 300-400 second feet is 16-the 1915 river is 7; the maximum number of days the river is 400-500 second feet is 7- the 1915 river is 5; the maximum number of days the river is above 500 second feet is 7-- the 1915 river is 18 days.

The minimum Number of days the river is 100-200 second feet is 00 the 1915 river is 00; the minimum number of days the river is 200-300 second feet is 00,the 1915 river is 00; the minimum number of days the river is 300 to 400 second feet is 00,the 1915 river is 7; the minimum number of days the river is 400-500 second feet is 00- the 1915 river is 5; the minimum number of days the river is above 500 second feet is 8-

the 1915 river is 18 days.

    The average number of days the river is 100-200 second feet is 00-- the 1915 river is 00; the average number of days the river is 200-300 second feet is 0.7-the 1915 river is 00; the average number of days the river is 300-400 second feet is 2.9-the 1915 river is 7; the average number of days the river is 400-500 second feet is 2.1- the 1915 river is 5; the average number of days the river is above 500 second feet is 24.3- the 1915 river is 18 days.

On acopy of Plate III Wentz Report 1914 I have shown in red the 1915 River; note the divergence from the mean in discharge,and also note the shortness of the highwater season.

The 1915 June river was 35,160 acre feet short of the mean river.

(Table III Wentz Report 1914)

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P R O V O   R I V E R
J U N E   1 9 1 5 .

Based on observations of The United States Geological Survey made at the Station in Provo Canyon.

Date	River	S.Fork	Inflow (Assumed)	Total
1.	438	28	40	506
2	714	30	"	784
3	685	30	"	755
4	516	25	"	581
5	588	28	"	656
6	528	28	"	596
7	548	28	"	616
8	508	32	"	580
9	508	34	"	582
10	528	34	"	602
11	693	30	"	763
12	714	30	"	784
13	548	30	"	618
14	528	28	"	596
15	430	28	"	498
16	430	27	"	497
17	419	28	"	487
18	460	28	"	528
19	438	27	"	505
20	438	27	"	505
21	430	30	"	500
22	362	31	"	433
23	330	31	"	401
24	308	27	"	375
25	301	24	"	365
26	250	23	"	313
27	280	30	"	350
28	270	30	"	340
29	260	30	"	330
30	262	28	"	330

Totals 13,712   864   1200

Max.	714	34	
Min	250	23	
Mean	457	28.8	40

Note: Forty(40) second feet is added to the observed flow which is intended to give the Natural Provo River in the Utah Valley available for use.

Grand total   15,776   Total acre feet 31,552.

Maximum   784
Minimum   313

Mean   526